

### Dairymen In Good Shape To Increase Production

Oregon dairy farmers are in an excellent position this year to supply their share of the increased production of dairy products for national defense, believes John Shepherd of Scio, member of the state AAA committee. Secretary Wickard recently called for a one-third increase in the production of evaporated milk and one-fourth increase in cheese production.

Nature, the farmer's own efforts, and the programs of the AAA have all combined to aid in increased production this year in Oregon. Shepherd points out. Already developed on a sound basis in this state, the dairy industry this year is favored by better pasture conditions than usual because of good spring rains, and by more acres of better pastures. The soil-building allowances of the AAA program have enabled farmers to apply many of the practices long advocated by the extension service, such as liming, use of phosphate fertilizers, and the seeding of better grasses and legumes, says Shepherd.



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### CLASSIFIED ADS

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Service, see  
Fred Linkhart, Kerby.

**FOR SALE—Overstuffed davenport** in good condition at a big bargain. See Mrs. Howard Bearss, Cave Junction. 7-tf

**HELP WANTED — Experienced woman** to keep house for elderly lady during summer months. Write Box "A", Illinois Valley News, Cave Junction. 7-1tp

**BE PATRIOTIC — Put an American flag** on your desk. See them at the Illinois Valley News, 25c. 7-tf

**PROOF OF LABOR** blanks for sale at the News office. File your proof of labor and save your mining claims. 7-tf

**FOR SALE — Hay, oats and vetch,** some rye, this year's crop. See W. J. Todd, Cave Junction. 7-1tp

**FOR SALE—Blacksmith forge, anvil, tongs, and vice,** all heavy tools. Elwood Hussey, Cave Junction. 7-1tc

**FOR RENT—One room cabin,** 12 miles out on Caves highway near old Lind hom. Inquire there for key. \$7.00 per month. 6-2tp

**CHICKEN AND STEAK DINNERS,** cooked the way you like, served with a smile at the most reasonable price. Ye Rustic Inn, Mile and half south of Junction. 5-tf

**AUTOISTS — We are ignition specialists** and we are equipped to take care of any ignition troubles. Leg Cabin garage, Selma. 5-4tp

**THE LARGEST SINGLE BUSINESS** in the U. S. is a mutual insurance company—non-assessable mutual companies offer the best insurance you can buy. For Oregon Mutual see Fred Linkhart, Kerby.

**MACK'S SEED & FEED STORE** now under new management. Carries a complete line of feeds and seeds of all kinds. Make our store your headquarters

**FOR SALE — Mining location** blanks, both quartz and placer and trespass notices at the Illinois Valley News office. Inquire at News office. 14-tf

**WANTED — Wool and Mohair,** hides and pelts, junk batteries, metals of all kinds, radiators and iron. Grants Pass Bargain House, 624-626 So. 6th street, Phone 86. 50-tf

LEAVES from



Uncle Sam's Notebook

By HARRIET MAY WILSON

### Why Not Use Adobe?

All over our great Southwest, the use of adobe for building purposes is widespread. It has been in general use ever since the days of the early Spanish settlers and, as a matter of fact, 80 per cent of all structures in Las Cruces, New Mexico are, at the present time, of 'dobe, or sun-dried brick.

Some facts in favor of adobe construction are, (1) it is inexpensive, requiring very small cash outlay; (2) it can be used without hiring any skilled labor; (3) it lends itself well to certain attractive styles of architecture; (4) it affords effective insulation against both cold and heat—buildings of adobe brick are noticeably warmer in winter and cooler in summer than are those frame or stucco; and, (5) it is fire-resistant.

The word "adobe," pronounced a-do-be, is a Spanish word meaning sun-dried brick, and is applied both to the bricks themselves and to the sticky clay loam from which they are commonly made. A general impression prevails that only this particular loam, peculiar to the Southwest, can be used for building, but this is not the fact: Most clayey loams are suitable for the manufacture of sun-dried brick. Very often the clay excavated from cellars is well suited to this purpose. A very heavy clay can not be used, since it cracks and warps when dried, and a very sandy soil will not hold together, but a good building material can be made by mixing the two. Perhaps the only way to tell in what proportion to mix the sand and clay is to form a brick and let it dry: If it cracks, you have too much clay; if it disintegrates, you have too much sand. Experimentation will result in the proper mixture.

Although adobe bricks are frequently made without straw, it is advisable to add straw at the rate of about 1½ bales to 1,000 bricks. Since long straw is difficult to handle, some builders use chaff, horse manure or grass as a binder.

### PREPARING THE MATERIAL

Mix only enough each day for that day's work. Pile the required amount in a layer, three inches or four inches deep, wet it well and "puddle" thoroughly, by the use of a mortar hoe. In many places the puddling is done by men, barefoot, tramping the mud. When the soil is wet to a uniform consistency, throw on straw or other binder, in a layer 1½ to 2 inches thick. Mix, adding enough water to make the mud thoroughly plastic, yet leaving it stiff enough to stand up when removed from the form.

### FORMS FOR MOLDING

The molding forms are made of lightweight, dressed lumber, the inside dimensions being those of the desired bricks. Small bricks (4 by 8 by 16 inches, weighing 28 pounds; 4 by 10 by 16 inches, weighing 35 pounds) are suitable for poultry houses and other small structures. Larger sizes (5 by 12 by 16 inches, weighing 53 pounds; 5 by 10 by 20 inches, weighing 55 pounds) are used for dwellings.

### MOLDING AND CURING

If a smooth sod is not available for use in molding, level a suitable site and cover with straw to lay the bricks on as they are removed from the molds. This is done to keep them from sticking to the ground. Press the mud into the form, taking care to fill all corners; smooth the top; then lift the form away, refill, and repeat. If the form does not clear from the mud easily, tap the sides of the mold to loosen it. In a few days, if the weather has been favorable, stand the bricks on edge to give equal exposure of the sides to the sun and allow them to dry for a week. When they are dry enough to handle, scrape off loose dirt and straw from the bottoms and pile them where they will be protected from rain. In about three weeks they will be ready for use.

### METHOD OF LAYING THE BRICK

Adobe brick are laid in a manner similar to that used in laying ordinary brick. Mud without straw is used for mortar, or, for permanent structures, a mortar is used made of one part lime to three parts sand. About a cubic foot of mortar is used in laying 25 to 30 bricks in the size 4 by 10 by 16, and a crew of three men should place from 600 to 700 bricks in eight hours.

For more specific information in this field, send five cents to the Superintendent of Documents, Washington, D. C., asking for Farmers' Bulletin 1720.

### PRESERVING EGGS

Eggs may be preserved either in water glass or lime water. Water glass is obtainable from drug stores and is mixed with nine parts of boiled water and poured in an earthenware receptacle or galvanized can. Fresh clean eggs, free from cracks, should be chosen for preserving. At least one inch of liquid should be kept above the top layer of eggs and the container should be kept tightly covered. A limewater solution is made by slaking three pounds of lime in five gallons of water.

### 'Baked Ham Hollywood' Is New Table Delicacy

"Baked Ham Hollywood," they call it. But we wager this delicious new table delicacy is going to be just as popular wherever it's tried. The glycerine does wonders to blend and accentuate the flavors of the various ingredients.

**Baked Ham Hollywood.**  
1 ham, 10 to 12 pounds  
Strips of orange peel  
2 tablespoons prepared mustard  
4 tablespoons brown sugar  
Cloves  
7 tablespoons glycerine  
½ teaspoon pepper (black)  
2 cups cooking sherry or grape juice  
6 canned peaches or apricots  
Wash ham thoroughly in hot water. Remove skin from ham. Make incisions in the meat with sharp knife and insert small pieces of orange peel. Make a paste of mustard, brown sugar, pepper and 4 tablespoons glycerine. Cover entire ham with this paste and dot with cloves. Bake in a covered roaster, using 1½ cups of wine or grape juice for basting. Bake in a slow oven (325 degrees F.) until done. The length of time depends on the size of the ham; allowing 30 minutes per pound. Thirty minutes before ham is done wipe peaches or apricots with remaining glycerine, insert cloves into fruit, and place around ham. Pour remaining ½ cup wine over fruit. Cook with ham for 30 minutes. A little hot water may be added if ham becomes too dry. Baste frequently with the wine while ham is baking.

### Rains Cut Chinch Bug Loss, U. S. Bureau Says

A report from the department of agriculture summarizing its contribution in fighting chinch bugs intimates that the creosote barriers were largely responsible for minimizing damage this year. The barriers did save thousands of acres of corn, but losses to small grains and corn would have been much heavier had it not been for rains in May and June.

Illinois has harvested the heaviest small grain crop in years despite heavy bug infestation last winter. The cool weather and general rains during May and June are responsible. The rains beat down the young bugs and "mud" them in, according to the entomologists, so they die. Also dampness and high humidity favor the natural spread of the white fungus disease which attacks the insects.

Chinch bug damage in Illinois was light and confined to certain localities. Southern Iowa, where dry weather came early and stayed longer, was damaged most, according to reports. Of nearly 2,500,000 gallons of creosote distributed by the federal government more than half went to 45 counties in Iowa. The balance went to 37 counties in Kansas, 36 counties in Missouri, 45,980 gallons to 21 counties in Illinois and smaller amounts to Indiana and Oklahoma.

### Goofy Little Stories

One hears a lot of goofy little stories. For example, there's the one about the society woman who arrived at an Allied Relief headquarters with a lot of children's nightgowns they had given her to make. She had apparently had a little trouble previously because her opening words were: "These should really be all right THIS time, because I had my maid make these." So the nightgowns were inspected and the verdict was, "Well, yes, these are fine—except that the seams aren't French seams, and you know they have to be." The woman looked bewildered at this news and said, "They do? But why? I thought you told me these were for the British!" And that reminds me: They say that the inevitable has happened. At one of those department-store counters where they sell patriotic insignia—Allied and American—a girl customer picked up a French tricolor rosette and said to the saleswoman: "Oh, this is cute! What other colors does it come in?"

### Four-Child Families Urged

If America wishes to continue as a first rate power, a Harvard sociologist has said, the normal family must include four children instead of the "ideal" two. "At the present rate of births our population is destined for a decrease in numbers," Prof. Carl C. Zimmerman asserted in a prepared address before the New England Conference on Tomorrow's Children. Of any normal 2,000 babies born, Dr. Zimmerman said, 940 will be females, of which 700 will grow up to marry and somewhat more than 600 will bear children. Thus, in order to sustain a population each family must bear between three and four children on the average.

### Ulcer Treatment

Considerable success with treatments of aluminum phosphate gel for persons suffering from ulcers, was announced recently by Dr. G. B. Fauley, Dr. A. C. Ivy and Dr. A. J. Atkinson, of Chicago. In their report, they claim satisfactory results were obtained with 18 patients, and of 23 ManWilliamson dogs with potential ulcers which were treated with aluminum phosphate gel, only three developed an ulcer in 11½ months of treatment. Ten dogs were removed from therapy and all developed ulcers, and on re-institution of the treatment all were healed.

## CHURCHES

### CAVE JUNCTION COMMUNITY CHURCH

Sunday school 10 to 11 a. m.  
Church services 11 to 12 a. m.  
Come Sunday and hear Dr. Geo. H. Gray, Pastor.

### ILLINOIS VALLEY CHURCH OF SEVENTH DAY ADVENTISTS

Sabbath School at 9:30 a. m.  
Preaching Service 11:00 a. m.  
Prayer meeting Wednesday at 7:30 p. m.  
You are invited to meet with us.  
Lynn Jolliffe, elder, Cave Junction.

### BRIDGEVIEW COMMUNITY CHURCH

Sunday School 10 to 11 a. m.  
Worship service 11 a. m. to 12 m.  
Evening Service at 7:30 p. m.  
Young Peoples Service 7 to 8 p. m.  
Prayer meeting Wednesday at 8 o'clock p. m.

### KERBY UNION SUNDAY SCHOOL

The Kerby Union Sunday school invites everyone to their Sunday school, which is held every Sunday at 9:45 a. m. in the I. O. O. F. hall.

### Defense Plans

(Continued from Page One)  
tions existing groups such as American Legion disaster relief units,

## "Read 'Em and Reap" OUR ADS

**POISONOK**  
and  
**Poison Oak Extract**  
Both are good curative properties for poison oak \$1.00 each

**Poison Ivy Lotion**  
Also good for poison oak. This is to be applied 25c and 50c externally  
**DON'T LET POISON OAK SPREAD — STOP IT NOW!**

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"Since 1900"

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Saturday,  
June 21  
Gasquet, Calif.

All the candidates for Queen of the Crescent City 4th of July celebration will attend this dance. Come and have a good time with your friends.



**THEY CAN'T TAKE YOUR AD HOME**  
IF IT IS ON A BILLBOARD  
SUGRUE

American Red Cross First aid groups and civilian fire and police auxiliaries which already are functioning.

County defense councils, under Owen's suggested plan, will be divided into five major divisions.

The planning division will deal with publicity, financial, industrial and registration matters, while the protection division's activities will include police, fire, debris clearance, demolition, rescue, first aid, evacuation and air raid precautions.

Under the necessities division will be food, clothing, housing, emergency shelters, medical and community facilities. The other divisions deal with communications and public utilities.

### Dedication Committees

(Continued from Page One)

Stunt flying, etc.  
This program can be added to or detracted from as the committee sees the necessity. Any suggestions are welcomed to help make the dedication a grand success.

The committees named are the chairmen, and each chairman will name the rest of his committee. M. C. Athey, as general chairman, has named the following to help on the general committee: Harry R. Floyd, George W. Martin, Raphael Leonard, Kenneth Martin, Harold Bowerman and Richard Sabin. As soon as the other chairmen name their committees, they will be published.

## Goodrich 4th JULY TIRE SALE



**GOODRICH COMMANDER**  
Cut to \$5.15 475-500-19  
WITH YOUR OLD TIRE  
SALE ENDS JULY 5th

**TERMS AS LOW AS 50¢ A WEEK**

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## HOT WEATHER SPECIALS!

|                                                                                                                                                                         |                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Ice Cream Freezers</b><br>2 quart galvanized, metal dasher with wooden paddles. Just the thing for Sunday outings.<br><b>Special, \$1.19</b>                         | <b>BEVERAGE SETS</b><br>Assorted colors. Designed and plain. 6 glasses with large pitcher.<br><b>69c and Up</b> |
| <b>ELECTRIC FANS</b><br>Nice for summer cooling. Has four blades. Aluminum color with black base. While they last—<br><b>\$1.29</b>                                     | <b>ICE CHOPPERS</b><br>Just the thing to chop your ice for cooling drinks. Get yours now—<br><b>98c</b>         |
| <b>VACUUM BOTTLES</b><br>Alladin best. One-piece construction. Enables it to withstand the hardest knocks and bumps than any other.<br><b>Qts. \$1.95 — Pts. \$1.19</b> | <b>GLASS TUMBLERS</b><br>Assorted colors. Full 10-oz. glasses. Any amount you wish.<br><b>Each 10c</b>          |

**Rogue River Hardware**  
"Where Most People Trade"  
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## What Have You?

Do you have a lot of things around the house that you do not need? Why not sell them and have some extra change for shopping—A Little Classified Ad will get rid of the things you don't want. And they are so inexpensive — 5c a line with a minimum charge of 25c.

**Illinois Valley News**  
Cave Junction, Oregon

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